SHEET 1 OF 3

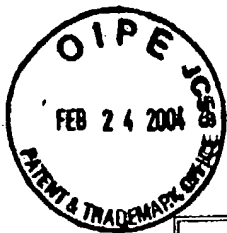
FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER FGT 386 (202-0402)		APPLICATION NUMBER 10/064,006		
		APPLICANTS Gopichandra Surnilla and John M. Roth				
		FILING DATE June 4, 2002		GROUP ART UNIT 3747		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
BM	4,046,126	09-1977	Takemoto			
BM	4,051,673	10-1977	Masaki			
BM	4,172,434	10-30-1979	Coles			
BM	4,550,704	11-1985	Barho et al.			
BM	5,727,522	03-1998	Otani et al.			
BM	6,345,496	02-2002	Fuwa et al.			
BM	6,467,259	10-2002	Surnilla et al.			
	2001/0015065	08-23-2001	Ide			
BM	6,550,240	04-2003	Kolmanovsky et al.			
BM	6,539,784	04-2003	King et al.			
BM	5,179,924	01-1993	Manaka			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	1496605	12-30-1977	GB			
	62-247176	10-28-1987	JP			X
	2283111	04-26-1995	GB			
	07-035016	02-03-1995	JP			X
OTHER DOCUMENTS						
EXAMINER <u>MOHANTY</u>				DATE CONSIDERED <u>12-14-04</u>		

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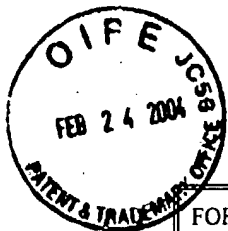
FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER FGT 386 (202-0402)		APPLICATION NUMBER 10/064,006		
		APPLICANTS Gopichandra Surnilla and John M. Roth				
		FILING DATE June 4, 2002		GROUP ART UNIT 3747		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
BM	4,690,116	09-01-1987	Takahashi			
BM	6,023,929	02-15-2000	Ma			
BM	4,305,249	12-15-1981	Schmid et al.			
BM	5,672,817	09-1997	Sagisaka et al.			
BM	6,276,138	08-2001	Welch			
BM	6,305,344	10-2001	Perry			
BM	5,375,415	12-27-1994	Hamburg et al.			
BM	5,267,548	12-07-1993	Rosenzopf et al.			
BM	5,245,978	09-21-1993	Orzel			
BM	5,628,299	05-1997	Marzonja et al.			
BM	6,615,804	09-2003	Matthews et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	2090331A		GB			
OTHER DOCUMENTS						
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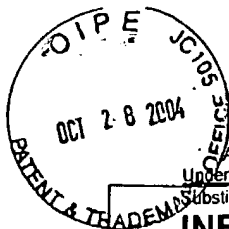
FORM PTO-1449		DOCKET NUMBER FGT 386 (202-0402)		APPLICATION NUMBER 10/064,006		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANTS Gopichandra Surnilla and John M. Roth				
		FILING DATE June 4, 2002		GROUP ART UNIT 3747		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
<i>BM</i>	5,483,941	01-1996	Cullen et al.			
<i>BM</i>	6,244,242	06-2001	Grizzle et al.			
<i>BM</i>	5,437,253	08-1995	Huffmaster et al.			
<i>BM</i>	5,492,094	02-1996	Cullen et al.			
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<i>BM</i>	5,647,207	07-1997	Grotjahm et al.			
<i>BM</i>	6,543,219	04-2003	Surnilla			
<i>BM</i>	5,979,413	11-1999	Ohnuma et al.			
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER <i>MOMAWY</i>			DATE CONSIDERED <i>12-17-04</i>			

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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Sheet 1 of 3	Application Number	10/064,006
	Filing Date	June 4, 2002
	First Named Inventor	Gopichandra Surnilla
	Art Unit	3747
	Examiner Name	Bibhu Mohanty
	Attorney Docket Number	81046568

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-			
		US-			
		US-			
		US-			
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		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ³ -Number ³ -Kind Code ³ (if known)				
		DE 196 07 151	07-10-97	Siemens AG		
		EP 0 351 197	01-17-90	Johnson Matthey		
		EP 0 444 783	09-04-91	Lucas Industries		
		JP 2-207159	08-16-90	Toyota		
		JP 2-30915	02-01-90	Toyota		
		JP 2-33408	02-02-90	Toyota		
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		JP 5-106493	04-27-93	Honda		
		JP 5-106494	04-27-93	Honda		
		JP 5-26080	02-02-93	Mitsubishi Motors		
		JP 62-117620	05-29-87	Nippon Shokubai		
		JP 6-264787	09-20-94	Nissan Motor		
		JP 62-97630	05-07-87	Nippon Shokubai		
		JP 64-53042	03-01-89	Mitsubishi Motors		
		JP 6-58139	03-01-94	Nissan Motor		
		JP 7-97941	04-11-95	Kazuhiro et al		

Examiner
Signature

MOHANTY

Date
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Application Number	10/064,006
Filing Date	June 4, 2002
First Named Inventor	Gopichandra Surnilla
Art Unit	3747
Examiner Name	Bibhu Mohanty
Attorney Docket Number	81046568

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Application Number	10/064, 006
			Filing Date	June 4, 2002
			First Named Inventor	Gopichandra Surnilla
			Art Unit	3747
			Examiner Name	Bibhu Mohanty
Sheet 3	of 3	Attorney Docket Number	81046568	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		JOE THEIS et al, "An Air/Fuel Algorithm to Improve The NOx Conversion of Copper-Based Catalysts", SAE Technical Paper No. 922251, October 19-22, 1992, pp. 77-89.	
		ALAN F. DIWELL, "Engineered Control Strategies For Improved Catalytic Control of NOx in Lean Burn Applications", SAE Technical Paper No. 881595, 1998 pp. 1-11.	
		ALLEN H. MEITZLER, "Application of Exhaust-Gas-Oxygen Sensors to the Study of Storage Effects in Automotive Three-Way Catalysts", SAE 800019, February 25-29, 1980.	
		W.H. HOLL, "Air Fuel Control to Reduce Emissions, I. Engine-Emissions Relationships", SAE 800051, February 25-29, 1980.	
		WEI-MING WANG, "Air-Fuel Control to Reduce Emissions, II. Engine-Catalyst Characterization Under Cyclic Conditions", SAE 800052, February 25-29, 1980.	
		Y. KANEKO et al, "Effect of Air-Fuel Ratio Modulation on Conversion Efficiency of Three-Way Catalysts", INTER-INDUSTRY EMISSION CONTROL PROGRAM 2 (IIEC-2) PROGRESS REPORT NO. 4, SAE Technical Paper No. 780607, June 5-9, 1978, pp. 119-127.	
		TOSHIKI YAMAMOTO et al, "Dynamic Behavior Analysis of Three Way Catalytic Reaction", JSAE 882072-882166	

Examiner Signature	Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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